Amendments to the Claims:

1.   (Amended) A printer controller for an inkjet printer, the controller including:
a processing means for receiving incoming data relating to a description of a page to be printed, said descriptions containing color data and black text data;
a memory means in which the data are stored;
a rasterizing and compressing means for rasterizing and compressing the data, the compression of the color data and the black text data being effected separately from each other; and
a printhead ~~controller~~ engine for receiving, decompressing and processing said data for printing via a printhead under control of the printhead engine controller, the print engine controller including a local memory means for storing the compressed data when it is received.

2.   (Original) The printer controller as claimed in claim 1 in which the rasterizing and compressing means includes at least one raster image processor (RIP) digital signal processor (DSP).

3.   (Amended) The printer controller as claimed in claim 2 in which the, or each, RIP DSP communicates with the processing means via a data communications means, the processing means feeding and synchronizing the, or each, RIP DSP, the rasterizing and compressing means, and the printhead engine controller.

4.   (Original) The printer controller as claimed in claim 3 in which the, or each, RIP DSP communicates with the memory mans via the processing means and the data communications means for storing rasterized and compressed data in the memory means.

5.   (Original) The printer controller as claimed in claim 1 in which the memory means is a hard disk which communicates with the processing means via a disk controller and a data communications means.

6.   (Amended) In an inkjet printer controller, a method of printing a description of a page containing color data and black text data, the method including the steps of:
receiving said data relating to a description of a page to be printed from a host processor;
storing the received data in a memory means;
rasterizing and compressing the received data to create a compressed page format, the compression of the color data and the black text data being effected separately from each other;

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feeding the compressed page format data to a printhead engine controller; and

when the print engine controller receives the compressed page format data, storing the data in a local memory means of the printhead controller; and

_____expanding the compressed page format data in the printhead controller prior to printing of the image.

7.   (Amended) The method as claimed in claim 6 which includes, prior to feeding the compressed page format data to the printhead engine controller, storing the compressed page format data in the memory means.

8.   (Amended) The method as claimed in claim 6 which includes, as the data are expanded, feeding the expanded data to at least one printhead engine controlled by the printhead controller.

9.   (Cancelled)